



Seiji HORIE et al.

Application No.: 10/606,962

Filed: June 27, 2003

**For: OIL BASED INK COMPOSITION
FOR INKJET PRINTER,
ELECTROPHOTOGRAPHIC
LIQUID DEVELOPER AND
PRODUCTION PROCESS OF
COLORED RESIN PARTICLE**

Group Art Unit: 1714

Examiner: Callie E. SHOSHO

Confirmation No.: 4849

DECLARATION UNDER 37 C.F.R. 81.132

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

I, Keitaro Aoshima, declare the following:

(1) I am a Japanese citizen and have the following mailing address: 210,
Nakanuma, Minami-Ashigara-shi, Kanagawa, 250-0193, Japan.

(2) I graduated from Nagoya University, Graduate School of Engineering, Course of Applied Chemistry in March of 1985, being awarded a Master's Degree in Engineering.

(3) I have been employed with Fuji Photo Film Co., Ltd. (hereinafter "Fuji") since April of 1985 until the present time. I have been engaged in the research and development of photosensitive lithographic printing plates and inkjet inks.

(4) I have read and am familiar with the above-identified United States patent application filed June 27, 2003.

(5) Experiments were conducted by me or under my supervision, to observe the scratch resistance characteristics of images formed from comparative ink compositions prepared in accordance with U.S. Patent No. 6,197,847 (*Kato et al.*), European Patent Document No. 1 205 815 (*EP '815*), and U.S. Patent Application Publication No. 2002/0147252 (*Adams*).

(6) Comparative Example 1 was prepared in the same manner as the Oil-Based Ink (IK-1) disclosed at column 43, lines 1-13 of *Kato et al.* Comparative Example 2 was prepared in the same manner as Example 5 disclosed at column 24, line 31 to column 25, line 33 of *EP '815*. Comparative Example 3 was prepared in the same manner as Example 4 disclosed at page 6, paragraphs 0054-0058 of *Adams*.

(7) Each of the comparative examples was used to form an image, and the images were tested for scratch resistance in the same manner as in Example 1 discussed in the present specification at page 68-69. Specifically, each comparative example was charged in a color facsimile (SAIYUKI UX-E1CL manufactured by Sharp. Corp.) as an inkjet recording device, and an image was drawn on an exclusive use paper of inkjet paper high-grade manufactured by Fuji Photo Film Co., Ltd. A full solid pattern was printed, and after drying the print, the solid portion thereof was rubbed by fingers to observe any effects on the image. In all of the comparative examples, staining on the fingers was visually observed, and it was therefore found that all of the comparative examples had poor scratch resistance characteristics.

(8) I further declare that all statements made herein of my own knowledge are true and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

Date: Nov. 24, 2006 By: Keltaro Aoshima
Keltaro AOSHIMA